ABSTRACT

A device for automatically controlling a slide door for a vehicle, wherein the slide door is adapted to open and close along a guide track installed in a vehicle body, the device having a door drive device, a motor load detection device, a door position detection device adapted to detect a position of the slide door guided by the guide track within a range from a position where the slide door is fully opened to a position where the slide door is fully closed, a door speed detection device, a memory device adapted to store the motor load at each position of the slide door of the vehicle standing at a horizontal level, and a motor control device adapted to automatically control power supplied to the motor for moving the slide door based on a difference between a detected motor load and a stored motor load at a corresponding position